

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Division of
Appl. No. : 10/100,189

Applicant : Tadahiro HIRAMOTO et al.

Parent Appl.
Filed : March 19, 2002

TC/A.U. : Not Assigned

Examiner : Not Assigned

Dkt. No. : TSG-033-025

Cust. No. : 20374

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

March 30, 2004

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

These documents are of record in parent application Serial No. 10/100,189, filed March 19, 2002.

DIVISIONAL APPLICATION OF S.N. 10/100,189
INFORMATION DISCLOSURE STATEMENT

PATENT

Documents UA to UC, FA to FG and DA to DG were cited in the Information Disclosure Statement filed on April 24, 2003. A copy of each of an initialed PTO-1449 and the Information Disclosure Statement filed April 24, 2003, is also enclosed.

Documents FH to FK were cited in the Office Action dated January 13, 2004. A copy of Notice of References Cited (PTO-892 attached to Paper No. 0104) is enclosed.

The Commissioner is authorized to charge our Deposit Account No. 111833 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

KUBOVCIK & KUBOVCIK

Keiko Tanaka Kubovcik
Reg. No. 40,428

Atty. Case No.: TSG-033-025
The Farragut Building
Suite 710
900 17th Street, N.W.
Washington, D.C. 20006
Tel: (202) 887-9023
Fax: (202) 887-9093
KTK/cfm

Attachments: PTO-1449
Copy of PTO-892 attached to Paper No. 0104
Copy of IDS filed April 24, 2003, and initialed
PTO-1449

INFORMATION DISCLOSURE STATEMENT		Atty. Docket No. TSG-033-025	Serial No. Not Assigned
PTO-1449		Applicant: Tadahiro HIRAMOTO et al.	
Filing Date: March 30, 2004		Group: Not Assigned	

U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If appropriate
	UA	4,925,660	05/15/90	Atsuta et al.	424	81	
	UB	5,457,030	10/10/95	Badal et al.	435	34	
	UC	5,985,912	11/16/99	Yang et al.	514	422	
	UD						

FOREIGN PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Country	Translation Yes/No/Partial
	FA	986,287 A	03/17/65	GB	
	FB	1,110,848 A	04/24/68	GB	
	FC	1,215,609 A	12/16/70	GB	
	FD	0 515 217 A1	11/25/92	EP	
	FE	94/05649 A1	03/17/94	WO	
	FF	7-025764 A	01/27/95	JP	Abstract
	FG	97/35618 A1	10/02/97	WO	Abstract
	FH	408317782 A	12/96	JP	
	FI	410175814 A	06/98	JP	
	FJ	401290621 A	11/89	JP	
	FK	Derwent 1992-374667	11/92	Derwent	

OTHER DOCUMENTS

Examiner's Initial		
	DA	Patent Abstract of Japan, Publication No. 7-025764, Publication Date 01/27/95.
	DB	Patent Abstract of PCT Publication No. 97/35618, Publication Date 10/02/97.
	DC	Nakatani, Nobuji, et al.; "7-Geranyloxycoumarin from Juice Oil of Hassaku (<i>Citrus hassaku</i>) and Antimicrobial Effects of Related Coumarins"; <i>Agricultural and Biological Chemistry</i> ; vol. 51, no. 2, pp. 419-423; 1987.

INFORMATION DISCLOSURE STATEMENT		Atty. Docket No. TSG-025	Serial No. 10/100,189
PTO-1449		Applicant: Tadahiro HIRAMOTO et al.	
Filing Date: March 19, 2002		Group: 1651	

Examiner's Initial		
	DD	Reverchon, Ernesto; "Supercritical fluid extraction and fractionation of essential oils and related products"; <i>Journal of Supercritical Fluids</i> ; vol. 10, no. 1, pp. 1-37; April 14, 1997.
	DE	Subra, Pascale, et al.; "Retention of some components in supercritical fluid chromatography and application to bergamot peel oil fractionation"; <i>Journal of Chromatography</i> ; vol. 771, no. 1-2, pp. 241-250; May 30, 1997.
	DF	Matsuda, Takahiro, et al.; "Psoralen and other linear furanocoumarins as phytoalexins in <i>glehnia littoralis</i> "; <i>Phytochemistry</i> ; vol. 47, no. 1, pp. 13-16; January 1998.
	DG	Kwon, Yong Soo, et al.; "Antimicrobial Constituents of <i>Foeniculum vulgare</i> "; <i>Archives of Pharmacal Research</i> ; vol. 25, no. 2, pp. 154-157; April 2002.
	DH	

Examiner:	Date Considered:
-----------	------------------

KTK/cfm

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Tadahiro HIRAMOTO et al.

Group Art Unit: 1651

Serial Number: 10/100,189

Examiner: Unknown

Filed: March 19, 2002

For: ANTIBACTERIAL AGENT

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(b)

Assistant Commissioner
for Patents

Washington, D.C. 20231

April 24, 2003

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. Documents UA to UC, FA to FE and DA to DG have been cited in a search report in a corresponding European application. One copy of each of the listed documents and a copy of the search report is attached.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

No explanation of documents UA to UC, FA to FE and DA to DG is believed to be required under 37 C.F.R. §1.98 because the documents

U.S. Patent Appln. S.N. 10/100,189
INFORMATION DISCLOSURE STATEMENT

PATENT

are in English.

Documents FF and FG are not in the English language. However, an English abstract of each of the documents is submitted herewith. Therefore, the concise explanation of the relevance of each of these documents required under 37 C.F.R. §1.98 is believed to be satisfied. Please note that documents DA and DB are also abstracts of documents FF and FG, respectively.

The concise explanation of the relevance of the documents required under 37 C.F.R. §1.98 is also believed to be satisfied by submission of the European Search Report (MPEP 609 A(3)).

The Commissioner is authorized to charge our Deposit Account No. 111833 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

KUBOVCIK & KUBOVCIK



Keiko Tanaka Kubovcik
Reg. No. 40,428

Atty. Case No. TSG-025
The Farragut Building
Suite 710
900 17th Street, N.W.
Washington, D.C. 20006
Tel: (202) 887-9023
Fax: (202) 887-9093
KTK/sb
Attachments: PTO-1449
European Search Report
17 Documents



BEST AVAILABLE COPY

APR 28 2003

TECH CENTER 1600/2900

INFORMATION DISCLOSURE STATEMENT		Atty. Docket No. TSG-025	Serial No. 10/100,189
PTO-1449		Applicant: Tadahiro HIRAMOTO et al.	
		Filing Date: March 19, 2002	Group: 1651

U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If appropriate
W	UA	4,925,660	05/15/90	Atsuta et al.	424	81	
TJ	UB	5,457,030	10/10/95	Badal et al.	435	34	
N	UC	5,985,912	11/16/99	Yang et al.	514	422	
	UD						

FOREIGN PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Country	Translation Yes/No/Partial
N	FA	986,287 A	03/17/65	GB	
N	FB	1,110,848 A	04/24/68	GB	
N	FC	1,215,609 A	12/16/70	GB	
N	FD	0 515 217 A1	11/25/92	EP	
N	FE	94/05649 A1	03/17/94	WO	
N	FF	7-025764 A	01/27/95	JP	Abstract
N	FG	97/35618 A1	10/02/97	WO	Abstract
	FH				

OTHER DOCUMENTS

Examiner's Initial		
N	DA	Patent Abstract of Japan, Publication No. 7-025764, Publication Date 01/27/95.
N	DB	Patent Abstract of PCT Publication No. 97/35618, Publication Date 10/02/97.
N	DC	Nakatani, Nobuji, et al.; "7-Geranyloxycoumarin from Juice Oil of Hassaku (<i>Citrus hassaku</i>)and Antimicrobial Effects of Related Coumarins"; <i>Agricultural and Biological Chemistry</i> ; vol. 51, no. 2, pp. 419-423; 1987.
N	DD	Reverchon, Ernesto; "Supercritical fluid extraction and fractionation of essential oils and related products"; <i>Journal of Supercritical Fluids</i> ; vol. 10, no. 1, pp. 1-37; April 14, 1997.
N	DE	Subra, Pascale, et al.; "Retention of some components in supercritical fluid chromatography and application to bergamot peel oil fractionation"; <i>Journal of Chromatography</i> ; vol. 771, no. 1-2, pp. 241-250; May 30, 1997.



BEST AVAILABLE COPY

INFORMATION DISCLOSURE STATEMENT PTO-1449		Atty. Docket No. TSG-025	Serial No. 10/100,189
		Applicant: Tadahiro HIRAMOTO et al.	
		Filing Date: March 19, 2002	Group: 1651

Examiner's Initial		
M	DF	Matsuda, Takahiro, et al.; "Psoralen and other linear furanocoumarins as phytoalexins in <i>glehnia littoralis</i> "; <i>Phytochemistry</i> ; vol. 47, no. 1, pp. 13-16; January 1998.
M	DG	Kwon, Yong Soo, et al.; "Antimicrobial Constituents of <i>Foeniculum vulgare</i> "; <i>Archives of Pharmacal Research</i> ; vol. 25, no. 2, pp. 154-157; April 2002.
	DH	

Examiner:	Date Considered:
-----------	------------------

KTK/sb

Notice of References Cited		Application/Control No. 10/100,189	Applicant(s)/Patent Under Reexamination HIRAMOTO ET AL.	
		Examiner RANDALL WINSTON	Art Unit 1654	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N	JP408317782A	12-1996	Japan	Yamatmoto et al.	
	O	JP410175814A	06-1998	Japan	Kojima et al.	
	P	JP401290621A	11-1989	Japan	Osawa et al.	
	Q	Derwent1992-374667	11-1992	Derwent	Miles Inc et al.	
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
 Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.